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FEATURE:
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FEATURE:
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NAME/KEY: misc_feature
LOCATION: 12293..12353
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LOCATION: 279
OTHER INFORMATION: /note= "Cleavage site"

US-09-052-469-7

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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 224 CGCGGGCGGCATCGT 209
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RESULT 4
US-08-323-443B-1
; Sequence 1, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/OA462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31571 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
US-08-323-443B-1
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Best Local Similarity 100.0%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 3273 CGCGGGCGGCATCGT 3288
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RESULT 5
US-08-658-136-2/c
; Sequence 2, Application US/08658136

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OM nucleic - nucleic search, using sw model

Run on: January 31, 2003, 18:57:08 ; Search time 18.3667 Seconds
(without alignments)
317.252 Million cell updates/sec

Title: US-09-904-968A-19

Perfect score: 19

Sequence: 1 ggtcgcgtgtggcggaagg 19

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	19	100.0	53526	3 US-08-658-136-2	Sequence 2, Appli
3	19	100.0	53577	3 US-08-658-136-1	Sequence 1, Appli
4	15	78.9	633	4 US-08-998-416-1115	Sequence 1115, Ap
5	15	78.9	3396	4 US-09-668-680-6	Sequence 6, Appli
6	15	78.9	3423	4 US-09-668-680-7	Sequence 7, Appli
7	14.4	75.8	317	4 US-09-221-017B-595	Sequence 595, App
8	14.4	75.8	1830	3 US-08-969-683A-66	Sequence 66, Appl
9	14.4	75.8	15872	4 US-09-105-537-1	Sequence 1, Appli
10	14.2	74.7	397	1 US-08-330-108-8	Sequence 8, Appli
11	14.2	74.7	397	5 PCT-US92-10087-8	Sequence 8, Appli
12	14.2	74.7	436	4 US-09-397-787-188	Sequence 188, App
13	14.2	74.7	1476	2 US-08-824-874-2	Sequence 2, Appli
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15	14.2	74.7	1960	2 US-08-463-081B-9	Sequence 9, Appli
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21	14.2	74.7	2370	1 US-08-104-072B-7	Sequence 7, Appli
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23	14.2	74.7	2370	2 US-09-025-583-8	Sequence 8, Appli
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26	14.2	74.7	4029	5 PCT-US93-03164-9	Sequence 9, Appli
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C 28	14.2	74.7	20235	1	US-07-642-734C-3	Sequence 3, Appli
C 29	14.2	74.7	20235	3	US-08-439-009A-3	Sequence 3, Appli
C 30	14.2	74.7	32207	2	US-08-770-379-20	Sequence 20, Appl
C 31	14.2	74.7	32207	4	US-08-757-669A-20	Sequence 20, Appl
C 32	14.2	74.7	32207	4	US-09-230-371A-20	Sequence 20, Appl
C 33	14.2	74.7	169998	4	US-09-676-610B-24	Sequence 24, Appl
C 34	14	73.7	23673	4	US-09-773-816-1	Sequence 1, Appli
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37	13.8	72.6	1727	3	US-08-999-733-2	Sequence 2, Appli
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C 42	13.4	70.5	1131	6	5168049-1	Patent No. 5168049
C 43	13.4	70.5	6909	4	US-09-199-637A-111	Sequence 111, App
44	13.4	70.5	9960	3	US-08-822-586-46	Sequence 46, Appl
45	13.4	70.5	4403765	4	US-09-103-840A-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-08-323-443B-1/C
; Sequence 1, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/0A462
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31571 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
US-08-323-443B-1

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Best Local Similarity 100.0%; Pred. No. 0.72;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 3599 GGTCGCGCTGTGGCGAAGG 3581

RESULT 2
US-08-658-136-2
; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53526 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2

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Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C

; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53577 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1

Query Match 100.0%; Score 19; DB 3; Length 53577;
Best Local Similarity 100.0%; Pred. No. 0.73;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 3334 GGTCGCGCTGTGGCGAAGG 3352

RESULT 4
US-08-998-416-1115
; Sequence 1115, Application US/08998416
; Patent No. 6239264
; GENERAL INFORMATION:
; APPLICANT: Philippsen, Peter
; APPLICANT: Pohlmann, Rainer
; APPLICANT: Steiner, Sabine
; APPLICANT: Mohr, Christine
; APPLICANT: Wendland, Jurgen
; APPLICANT: Knechtle, Philipp
; APPLICANT: Rebischung, Corinne
; TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSYPPII
; NUMBER OF SEQUENCES: 1152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6239264artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6239264th Carolina
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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OM nucleic - nucleic search, using sw model

Run on: January 31, 2003, 18:57:08 ; Search time 25.1333 Seconds
(without alignments)
317.252 Million cell updates/sec

Title: US-09-904-968A-4
Perfect score: 26
Sequence: 1 ccacctcatgcgcccttcctaagcat 26

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
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5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	26	100.0	53526	3 US-08-658-136-2	Sequence 2, Appli
3	26	100.0	53577	3 US-08-658-136-1	Sequence 1, Appli
4	17.6	67.7	8000	4 US-09-415-784-101	Sequence 101, App
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7	17.6	67.7	8000	4 US-09-415-785A-102	Sequence 102, App
8	17.6	67.7	8000	4 US-08-944-465-101	Sequence 101, App
9	17.6	67.7	8000	4 US-08-944-465-102	Sequence 102, App
10	17.6	67.7	8000	4 US-09-415-868-101	Sequence 101, App
11	17.6	67.7	8000	4 US-09-415-868-102	Sequence 102, App
12	17.6	67.7	8000	4 US-09-415-900-101	Sequence 101, App
13	17.6	67.7	8000	4 US-09-415-900-102	Sequence 102, App
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15	17.6	67.7	11703	3 US-09-102-248-8	Sequence 8, Appli
16	17.6	67.7	11740	4 US-09-415-784-103	Sequence 103, App
17	17.6	67.7	11740	4 US-09-415-785A-103	Sequence 103, App
18	17.6	67.7	11740	4 US-08-944-465-103	Sequence 103, App
19	17.6	67.7	11740	4 US-09-415-868-103	Sequence 103, App
20	17.6	67.7	11740	4 US-09-415-900-103	Sequence 103, App
21	17.6	67.7	13905	4 US-08-972-218-1	Sequence 1, Appli
22	17.6	67.7	16656	1 US-08-741-881-1	Sequence 1, Appli
23	17.6	67.7	16656	1 US-08-739-158-1	Sequence 1, Appli
24	17.6	67.7	16656	2 US-08-739-167-1	Sequence 1, Appli
25	17.6	67.7	16656	3 US-08-404-796-1	Sequence 1, Appli
26	17.6	67.7	16656	3 US-08-931-869-1	Sequence 1, Appli
27	17.6	67.7	16656	4 US-09-350-399-1	Sequence 1, Appli

28	17.6	67.7	16656	4 US-09-236-140A-1	Sequence 1, Appli
29	17	65.4	351	4 US-09-085-199B-41	Sequence 41, Appl
30	16.6	63.8	152331	3 US-09-128-155-16	Sequence 16, Appl
31	16.6	63.8	176373	3 US-09-128-155-17	Sequence 17, Appl
32	16.4	63.1	74	3 US-08-789-333F-59	Sequence 59, Appl
33	16.4	63.1	74	4 US-08-787-738B-59	Sequence 59, Appl
34	16.4	63.1	3330	1 US-08-149-103-1	Sequence 1, Appli
35	16.4	63.1	3330	1 US-08-451-883-1	Sequence 1, Appli
36	16.4	63.1	3656	1 US-08-393-734-1	Sequence 1, Appli
37	16.4	63.1	3656	4 US-08-894-489-1	Sequence 1, Appli
38	16.4	63.1	4810	4 US-09-596-824-5	Sequence 5, Appli
39	16.4	63.1	5124	4 US-09-534-638-2	Sequence 2, Appli
40	16.4	63.1	9592	1 US-08-393-734-3	Sequence 3, Appli
41	16.4	63.1	9592	4 US-08-894-489-3	Sequence 3, Appli
42	16.2	62.3	26	2 US-08-887-798-23	Sequence 23, Appl
43	16	61.5	283	4 US-08-990-823-19	Sequence 19, Appl
44	16	61.5	555	4 US-09-280-116-258	Sequence 258, App
45	16	61.5	1351	3 US-08-796-792-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-08-323-443B-1
; Sequence 1, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
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; CITY: New York
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; COMPUTER READABLE FORM:
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; CURRENT APPLICATION DATA:
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; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
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; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/OA462
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; INFORMATION FOR SEQ ID NO: 1:
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; STRANDEDNESS: single
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; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
US-08-323-443B-1

Query Match 100.0%; Score 26; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.0037;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCACCTCATCGCCCTTCCTAAGCAT 26
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Db 2619 CCACCTCATCGCCCTTCCTAAGCAT 2644

RESULT 2

US-08-658-136-2/c
; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658.136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53526 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-658-136-2

Query Match 100.0%; Score 26; DB 3; Length 53526;
Best Local Similarity 100.0%; Pred. No. 0.004;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCACCTCATCGCCCTTCCTAAGCAT 26
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Db 4315 CCACCTCATCGCCCTTCCTAAGCAT 4290

RESULT 3

US-08-658-136-1/c
; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C

; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658.136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53577 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-658-136-1

Query Match 100.0%; Score 26; DB 3; Length 53577;
Best Local Similarity 100.0%; Pred. No. 0.004;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCACCTCATCGCCCTTCCTAAGCAT 26
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Db 4314 CCACCTCATCGCCCTTCCTAAGCAT 4289

RESULT 4

US-09-415-784-101
; Sequence 101, Application US/09415784
; Patent No. 6391632
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; Polo, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: January 31, 2003, 18:57:08 ; Search time 28.0333 Seconds
(without alignments)
317.252 Million cell updates/sec

Title: US-09-904-968A-3
Perfect score: 29
Sequence: 1 ccattccacctgtgtgtgacctgtgtaaat 29

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %		DB ID	Description
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2	29	100.0	53526	3 US-08-658-136-2	Sequence 2, Appli
3	29	100.0	53577	3 US-08-658-136-1	Sequence 1, Appli
C 4	18.4	63.4	720	3 US-09-479-309-3	Sequence 3, Appli
C 5	18.4	63.4	720	3 US-09-479-309-5	Sequence 5, Appli
C 6	18.4	63.4	9721	4 US-09-345-217-2	Sequence 2, Appli
C 7	18.4	63.4	15602	4 US-09-844-634-17	Sequence 17, Appli
C 8	18.4	63.4	152331	3 US-09-128-155-16	Sequence 16, Appli
C 9	18.4	63.4	176373	3 US-09-128-155-17	Sequence 17, Appli
C 10	18	62.1	246240	2 US-08-724-394A-20	Sequence 20, Appli
C 11	18	62.1	246240	2 US-08-724-394A-21	Sequence 21, Appli
C 12	18	62.1	246240	2 US-08-724-394A-22	Sequence 22, Appli
13	17.8	61.4	357	4 US-09-180-700-1	Sequence 1, Appli
14	17.8	61.4	1207	1 US-08-362-670B-3	Sequence 3, Appli
15	17.8	61.4	1207	3 US-08-333-576C-3	Sequence 3, Appli
16	17.8	61.4	1207	3 US-08-289-222E-1	Sequence 1, Appli
17	17.8	61.4	1207	4 US-09-054-526B-1	Sequence 1, Appli
18	17.8	61.4	1207	4 US-08-808-324-3	Sequence 3, Appli
19	17.8	61.4	1207	5 PCT-US94-14030A-3	Sequence 3, Appli
20	17.8	61.4	2703	2 US-08-288-508C-1	Sequence 1, Appli
21	17.8	61.4	2703	4 US-09-180-700-4	Sequence 4, Appli
22	17.8	61.4	2742	3 US-08-911-853-16	Sequence 16, Appli
23	17.8	61.4	2742	4 US-09-479-409-16	Sequence 16, Appli
24	17.8	61.4	2742	4 US-09-479-453-16	Sequence 16, Appli
C 25	17.8	61.4	12886	4 US-09-453-702B-14	Sequence 14, Appli
26	17.8	61.4	17612	3 US-08-911-853-29	Sequence 29, Appli
27	17.8	61.4	17612	4 US-09-479-409-29	Sequence 29, Appli

28	17.8	61.4	17612	4 US-09-479-453-29	Sequence 29, Appli
C 29	17.4	60.0	1821	4 US-09-149-476-90	Sequence 90, Appli
30	17.4	60.0	2440	4 US-09-513-007-1	Sequence 1, Appli
C 31	17.2	59.3	7676	1 US-08-451-777A-7	Sequence 7, Appli
C 32	17.2	59.3	7676	2 US-08-451-778A-7	Sequence 7, Appli
C 33	17.2	59.3	7676	2 US-08-998-208-7	Sequence 7, Appli
C 34	17.2	59.3	7676	5 PCT-US95-06743-7	Sequence 7, Appli
C 35	17	58.6	108	2 US-08-912-129A-18	Sequence 18, Appli
36	17	58.6	546	4 US-09-643-597-129	Sequence 129, Appli
37	17	58.6	1125	2 US-08-912-129A-51	Sequence 51, Appli
38	17	58.6	1860	2 US-08-912-129A-53	Sequence 53, Appli
39	17	58.6	2286	3 US-09-176-657-4	Sequence 4, Appli
C 40	17	58.6	2773	4 US-09-643-597-358	Sequence 358, Appli
C 41	17	58.6	2784	4 US-09-643-597-168	Sequence 168, Appli
C 42	17	58.6	2970	4 US-09-193-562D-31	Sequence 31, Appli
C 43	17	58.6	3951	4 US-09-643-597-160	Sequence 160, Appli
44	17	58.6	3969	1 US-08-026-138E-16	Sequence 16, Appli
C 45	17	58.6	7430	4 US-08-976-259-64	Sequence 64, Appli

ALIGNMENTS

RESULT 1
US-08-323-443B-1
Sequence 1, Application US/08323443B
Patent No. 565470
GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/0A462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31571 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
US-08-323-443B-1

Query Match 100.0%; Score 29; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCATCCACCTGCTGTGTGACCTGGTAAAT 29
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Db 1448 CCATCCACCTGCTGTGTGACCTGGTAAAT 1476

RESULT 2
US-08-658-136-2
; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415

; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53526 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2

Query Match 100.0%; Score 29; DB 3; Length 53526;
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCATCCACCTGCTGTGTGACCTGGTAAAT 29
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Db 2043 CCATCCACCTGCTGTGTGACCTGGTAAAT 2071

RESULT 3
US-08-658-136-1
; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C

; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53577 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1

Query Match 100.0%; Score 29; DB 3; Length 53577;
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCATCCACCTGCTGTGTGACCTGGTAAAT 29
|||||
Db 2043 CCATCCACCTGCTGTGTGACCTGGTAAAT 2071

RESULT 4
US-09-479-309-3/c
; Sequence 3, Application US/09479309
; Patent No. 6110691
; GENERAL INFORMATION:
; APPLICANT: Wang, Xiaodong
; APPLICANT: Du, Chunying
; TITLE OF INVENTION: Activators of Caspases
; FILE REFERENCE: UTSD0630
; CURRENT APPLICATION NUMBER: US/09/479,309
; CURRENT FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 720
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-479-309-3

Query Match 63.4%; Score 18.4; DB 3; Length 720;
Best Local Similarity 78.6%; Pred. No. 38;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: January 31, 2003, 18:57:08 ; Search time 28.0333 Seconds
(without alignments)
317.252 Million cell updates/sec

Title: US-09-904-968A-3
Perfect score: 29
Sequence: 1 ccatccacctgctgtgtgacctggttaaat 29

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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3	29	100.0	53577	3 US-08-658-136-1	Sequence 1, Appli
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C 5	18.4	63.4	720	3 US-09-479-309-5	Sequence 5, Appli
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C 7	18.4	63.4	15602	4 US-09-844-634-17	Sequence 17, Appli
C 8	18.4	63.4	152331	3 US-09-128-155-16	Sequence 16, Appli
C 9	18.4	63.4	176373	3 US-09-128-155-17	Sequence 17, Appli
C 10	18	62.1	246240	2 US-08-724-394A-20	Sequence 20, Appli
C 11	18	62.1	246240	2 US-08-724-394A-21	Sequence 21, Appli
C 12	18	62.1	246240	2 US-08-724-394A-22	Sequence 22, Appli
13	17.8	61.4	357	4 US-09-180-700-1	Sequence 1, Appli
14	17.8	61.4	1207	1 US-08-362-670B-3	Sequence 3, Appli
15	17.8	61.4	1207	3 US-08-333-576C-3	Sequence 3, Appli
16	17.8	61.4	1207	3 US-08-289-222E-1	Sequence 1, Appli
17	17.8	61.4	1207	4 US-09-054-526B-1	Sequence 1, Appli
18	17.8	61.4	1207	4 US-08-808-324-3	Sequence 3, Appli
19	17.8	61.4	1207	5 PCT-US94-14030A-3	Sequence 3, Appli
20	17.8	61.4	2703	2 US-08-288-508C-1	Sequence 1, Appli
21	17.8	61.4	2703	4 US-09-180-700-4	Sequence 4, Appli
22	17.8	61.4	2742	3 US-08-911-853-16	Sequence 16, Appli
23	17.8	61.4	2742	4 US-09-479-409-16	Sequence 16, Appli
24	17.8	61.4	2742	4 US-09-479-453-16	Sequence 16, Appli
C 25	17.8	61.4	12886	4 US-09-453-702B-14	Sequence 14, Appli
26	17.8	61.4	17612	3 US-08-911-853-29	Sequence 29, Appli
27	17.8	61.4	17612	4 US-09-479-409-29	Sequence 29, Appli

28	17.8	61.4	17612	4 US-09-479-453-29	Sequence 29, Appli
C 29	17.4	60.0	1821	4 US-09-149-476-90	Sequence 90, Appli
30	17.4	60.0	2440	4 US-09-513-007-1	Sequence 1, Appli
C 31	17.2	59.3	7676	1 US-08-451-777A-7	Sequence 7, Appli
C 32	17.2	59.3	7676	2 US-08-451-778A-7	Sequence 7, Appli
C 33	17.2	59.3	7676	2 US-08-908-208-7	Sequence 7, Appli
C 34	17.2	59.3	7676	5 PCT-US95-06743-7	Sequence 7, Appli
C 35	17	58.6	108	2 US-08-912-129A-18	Sequence 18, Appli
36	17	58.6	546	4 US-09-643-597-129	Sequence 129, App
37	17	58.6	1125	2 US-08-912-129A-51	Sequence 51, Appli
38	17	58.6	1860	2 US-08-912-129A-53	Sequence 53, Appli
39	17	58.6	2286	3 US-09-176-657-4	Sequence 4, Appli
C 40	17	58.6	2773	4 US-09-643-597-358	Sequence 358, App
C 41	17	58.6	2784	4 US-09-643-597-168	Sequence 168, App
C 42	17	58.6	2970	4 US-09-193-562D-31	Sequence 31, Appli
C 43	17	58.6	3951	4 US-09-643-597-160	Sequence 160, App
44	17	58.6	3969	1 US-08-026-138E-16	Sequence 16, Appli
C 45	17	58.6	7430	4 US-08-976-259-64	Sequence 64, Appli

ALIGNMENTS

RESULT 1
US-08-323-443B-1
Sequence 1-Application US/08323443B
Patent No. 563470
GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W.
APPLICANT: LANDES, GREGORY M.
APPLICANT: BURN, TIMOTHY C.
APPLICANT: CONNORS, TIMOTHY D.
APPLICANT: DACKOWSKI, WILLIAM R.
APPLICANT: GERMINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,443B
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, S. Peter
REGISTRATION NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 0372/OA462
TELEPHONE: (212) 527-7700
TELEFAX: (212) 527-7700
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 31571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
US-08-323-443B-1

Query Match 100.0%; Score 29; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCATCCACCTGCTGTGACCTGGTAAAT 29
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Db 1448 CCATCCACCTGCTGTGACCTGGTAAAT 1476

RESULT 2
US-08-658-136-2
Sequence 2, Application US/08658136
Patent No. 6071717
GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 53526 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-658-136-2

Query Match 100.0%; Score 29; DB 3; Length 53526;
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCATCCACCTGCTGTGACCTGGTAAAT 29
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Db 2043 CCATCCACCTGCTGTGACCTGGTAAAT 2071

RESULT 3
US-08-658-136-1
Sequence 1, Application US/08658136
Patent No. 6071717
GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C

APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-658-136-1

Query Match 100.0%; Score 29; DB 3; Length 53577;
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCATCCACCTGCTGTGACCTGGTAAAT 29
|||||
Db 2043 CCATCCACCTGCTGTGACCTGGTAAAT 2071

RESULT 4
US-09-479-309-3/c
Sequence 3, Application US/09479309
Patent No. 6110691
GENERAL INFORMATION:
APPLICANT: Wang, Xiaodong
APPLICANT: Du, Chunying
TITLE OF INVENTION: Activators of Caspases
FILE REFERENCE: UTSD0630
CURRENT APPLICATION NUMBER: US/09/479,309
CURRENT FILING DATE: 2000-01-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 720
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
US-09-479-309-3

Query Match 63.4%; Score 18.4; DB 3; Length 720;
Best Local Similarity 78.6%; Pred. No. 38;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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OM nucleic - nucleic search, using sw model

Run on: January 31, 2003, 18:57:08 ; Search time 25.1333 Seconds
(without alignments)
317.252 Million cell updates/sec

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Perfect score: 26
Sequence: 1 ccacctcatgcgcccttcctaagcat 26

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
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3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
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5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	26	100.0	31571	1 US-08-323-443B-1	Sequence 1, Appli
C 2	26	100.0	53526	3 US-08-658-136-2	Sequence 2, Appli
C 3	26	100.0	53577	3 US-08-658-136-1	Sequence 1, Appli
4	17.6	67.7	8000	4 US-09-415-784-101	Sequence 101, App
5	17.6	67.7	8000	4 US-09-415-784-102	Sequence 102, App
6	17.6	67.7	8000	4 US-09-415-785A-101	Sequence 101, App
7	17.6	67.7	8000	4 US-09-415-785A-102	Sequence 102, App
8	17.6	67.7	8000	4 US-08-944-465-101	Sequence 101, App
9	17.6	67.7	8000	4 US-08-944-465-102	Sequence 102, App
10	17.6	67.7	8000	4 US-09-415-868-101	Sequence 101, App
11	17.6	67.7	8000	4 US-09-415-868-102	Sequence 102, App
12	17.6	67.7	8000	4 US-09-415-900-101	Sequence 101, App
13	17.6	67.7	8000	4 US-09-415-900-102	Sequence 102, App
14	17.6	67.7	11703	1 US-08-801-263A-8	Sequence 8, Appli
15	17.6	67.7	11703	3 US-09-102-248-8	Sequence 8, Appli
16	17.6	67.7	11740	4 US-09-415-784-103	Sequence 103, App
17	17.6	67.7	11740	4 US-09-415-785A-103	Sequence 103, App
18	17.6	67.7	11740	4 US-08-944-465-103	Sequence 103, App
19	17.6	67.7	11740	4 US-09-415-868-103	Sequence 103, App
20	17.6	67.7	11740	4 US-09-415-900-103	Sequence 103, App
21	17.6	67.7	13905	4 US-08-972-218-1	Sequence 1, Appli
22	17.6	67.7	16656	1 US-08-741-881-1	Sequence 1, Appli
23	17.6	67.7	16656	1 US-08-739-158-1	Sequence 1, Appli
24	17.6	67.7	16656	2 US-08-739-167-1	Sequence 1, Appli
25	17.6	67.7	16656	3 US-08-404-796-1	Sequence 1, Appli
26	17.6	67.7	16656	3 US-08-931-869-1	Sequence 1, Appli
27	17.6	67.7	16656	4 US-09-350-399-1	Sequence 1, Appli

C 28	17.6	67.7	16656	4 US-09-236-140A-1	Sequence 1, Appli
C 29	17	65.4	351	4 US-09-085-199B-41	Sequence 41, Appl
30	16.6	63.8	152331	3 US-09-128-155-16	Sequence 16, Appl
31	16.6	63.8	176373	3 US-09-128-155-17	Sequence 17, Appl
C 32	16.4	63.1	74	3 US-08-789-333F-59	Sequence 59, Appl
C 33	16.4	63.1	74	4 US-08-787-738B-59	Sequence 59, Appl
C 34	16.4	63.1	3330	1 US-08-149-103-1	Sequence 1, Appli
C 35	16.4	63.1	3330	1 US-08-451-883-1	Sequence 1, Appli
C 36	16.4	63.1	3656	1 US-08-393-734-1	Sequence 1, Appli
C 37	16.4	63.1	3656	4 US-08-894-489-1	Sequence 1, Appli
C 38	16.4	63.1	4810	4 US-09-596-824-5	Sequence 5, Appli
C 39	16.4	63.1	5124	4 US-09-534-638-2	Sequence 2, Appli
C 40	16.4	63.1	9592	1 US-08-393-734-3	Sequence 3, Appli
C 41	16.4	63.1	9592	4 US-08-894-489-3	Sequence 3, Appli
42	16.2	62.3	26	2 US-08-887-798-23	Sequence 23, Appl
C 43	16	61.5	283	4 US-08-990-823-19	Sequence 19, Appl
44	16	61.5	555	4 US-09-280-116-258	Sequence 258, App
45	16	61.5	1351	3 US-08-796-792-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-08-323-443B-1
; Sequence 1, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323.443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/0A462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31571 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
US-08-323-443B-1

Query Match 100.0%; Score 26; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.0037;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CCACCTCATCGCCCTTCCTAAGCAT 26
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Db 2619 CCACCTCATCGCCCTTCCTAAGCAT 2644

RESULT 2
US-08-658-136-2/c
; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53526 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2

Query Match 100.0%; Score 26; DB 3; Length 53526;
Best Local Similarity 100.0%; Pred. No. 0.004;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CCACCTCATCGCCCTTCCTAAGCAT 26
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Db 4315 CCACCTCATCGCCCTTCCTAAGCAT 4290

RESULT 3
US-08-658-136-1/c
; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C

; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53577 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1

Query Match 100.0%; Score 26; DB 3; Length 53577;
Best Local Similarity 100.0%; Pred. No. 0.004;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CCACCTCATCGCCCTTCCTAAGCAT 26
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Db 4314 CCACCTCATCGCCCTTCCTAAGCAT 4289

RESULT 4
US-09-415-784-101
; Sequence 101, Application US/09415784
; Patent No. 6391632
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; Polo, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; City: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: January 31, 2003, 18:57:08 ; Search time 18.3667 Seconds
(without alignments)
317.252 Million cell updates/sec

Title: US-09-904-968A-19
Perfect score: 19
Sequence: 1 ggctgcgctgtgccaagg 19

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	19	100.0	53526	3 US-08-658-136-2	Sequence 2, Appli
3	19	100.0	53577	3 US-08-658-136-1	Sequence 1, Appli
4	15	78.9	633	4 US-08-998-416-1115	Sequence 1115, Ap
C 5	15	78.9	3396	4 US-09-668-680-6	Sequence 6, Appli
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7	14.4	75.8	317	4 US-09-221-017B-595	Sequence 595, App
C 8	14.4	75.8	1830	3 US-08-969-683A-66	Sequence 66, Appli
9	14.4	75.8	15872	4 US-09-105-537-1	Sequence 1, Appli
10	14.2	74.7	397	1 US-08-330-108-8	Sequence 8, Appli
11	14.2	74.7	397	5 PCT-US92-10087-8	Sequence 8, Appli
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13	14.2	74.7	1476	2 US-08-824-874-2	Sequence 2, Appli
14	14.2	74.7	1476	4 US-09-210-084-2	Sequence 2, Appli
15	14.2	74.7	1960	2 US-08-463-081B-9	Sequence 9, Appli
16	14.2	74.7	1960	2 US-08-461-379A-9	Sequence 9, Appli
17	14.2	74.7	1960	2 US-08-462-390B-9	Sequence 9, Appli
18	14.2	74.7	1960	3 US-08-463-074B-9	Sequence 9, Appli
19	14.2	74.7	1960	3 US-08-465-585C-9	Sequence 9, Appli
20	14.2	74.7	1960	3 US-08-652-446-9	Sequence 9, Appli
21	14.2	74.7	2370	1 US-08-104-072B-7	Sequence 7, Appli
C 22	14.2	74.7	2370	1 US-08-351-413-8	Sequence 8, Appli
C 23	14.2	74.7	2370	2 US-09-025-583-8	Sequence 8, Appli
C 24	14.2	74.7	4029	1 US-07-862-021B-9	Sequence 9, Appli
C 25	14.2	74.7	4029	1 US-08-313-288B-9	Sequence 9, Appli
C 26	14.2	74.7	4029	5 PCT-US93-03164-9	Sequence 9, Appli
27	14.2	74.7	5267	3 US-08-976-255-2	Sequence 2, Appli

C 28	14.2	74.7	20235	1 US-07-642-734C-3	Sequence 3, Appli
C 29	14.2	74.7	20235	3 US-08-439-009A-3	Sequence 3, Appli
C 30	14.2	74.7	32207	2 US-08-770-379-20	Sequence 20, Appli
C 31	14.2	74.7	32207	4 US-08-757-669A-20	Sequence 20, Appli
C 32	14.2	74.7	32207	4 US-09-230-371A-20	Sequence 20, Appli
C 33	14.2	74.7	169998	4 US-09-576-610B-24	Sequence 24, Appli
C 34	14	73.7	23673	4 US-09-773-816-1	Sequence 1, Appli
35	13.8	72.6	837	1 US-08-832-883-56	Sequence 56, Appli
36	13.8	72.6	837	2 US-08-832-877-56	Sequence 56, Appli
37	13.8	72.6	1727	3 US-08-999-733-2	Sequence 2, Appli
38	13.8	72.6	9757	1 US-08-093-453B-1	Sequence 1, Appli
39	13.8	72.6	9759	1 US-08-459-041A-1	Sequence 1, Appli
40	13.8	72.6	9759	3 US-08-999-733-1	Sequence 1, Appli
C 41	13.8	72.6	4411529	4 US-09-103-840A-1	Sequence 1, Appli
C 42	13.4	70.5	1131	6 5168049-1	Patent No. 5168049
C 43	13.4	70.5	6909	4 US-09-199-637A-111	Sequence 111, App
44	13.4	70.5	9960	3 US-08-822-586-46	Sequence 46, Appli
45	13.4	70.5	4403765	4 US-09-103-840A-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-08-323-443B-1/c
; Sequence 1, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323.443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/OA462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31571 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
US-08-323-443B-1

Query Match 100.0%; Score 19; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.72;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGTCGGCGCTGTGGCGAAGG 19
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DB 3599 GGTCGGCGCTGTGGCGAAGG 3581

RESULT 2
US-08-658-136-2
; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53526 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2

Query Match 100.0%; Score 19; DB 3; Length 53526;
Best Local Similarity 100.0%; Pred. No. 0.73;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGTCGGCGCTGTGGCGAAGG 19
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DB 3334 GGTCGGCGCTGTGGCGAAGG 3352

RESULT 3
US-08-658-136-1
; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C

; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53577 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1

Query Match 100.0%; Score 19; DB 3; Length 53577;
Best Local Similarity 100.0%; Pred. No. 0.73;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGTCGGCGCTGTGGCGAAGG 19
|||||
DB 3334 GGTCGGCGCTGTGGCGAAGG 3352

RESULT 4
US-08-998-416-1115
; Sequence 1115, Application US/08998416
; Patent No. 6239264
; GENERAL INFORMATION:
; APPLICANT: Philippsen, Peter
; APPLICANT: Pohlmann, Rainer
; APPLICANT: Steiner, Sabine
; APPLICANT: Mohr, Christine
; APPLICANT: Wendland, Jurgen
; APPLICANT: Knechtle, Philipp
; APPLICANT: Rebschung, Corinne
; TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSYPHII
; TITLE OF INVENTION: AND USES THEREOF
; NUMBER OF SEQUENCES: 1152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6239264artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6239264th Carolina
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS


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NAME/KEY: misc_feature
LOCATION: 4574..8144
OTHER INFORMATION: /note= "N-linked glycosylation
OTHER INFORMATION: sites at following locations: 4559, 4574, 4631, 4763,
FEATURE:
NAME/KEY: misc_feature
LOCATION: 8363..11741
OTHER INFORMATION: /note= "N-linked glycosylation
OTHER INFORMATION: sites at following locations: 8471, 8663, 8732, 8843,
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7949..8009
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 8288..8348
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9434..9494
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FEATURE:
NAME/KEY: misc_feature
LOCATION: 12377..12437
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 212..278
OTHER INFORMATION: /note= "Possible hinge sequence"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 279
OTHER INFORMATION: /note= "Cleavage site"
US-09-052-469-7
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Query Match 100.0%; Score 16; DB 4; Length 14148;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGCGCGGCGGCATCGT 16
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Db 224 CGCGCGGCGGCATCGT 209

RESULT 4
US-08-323-443B-1
; Sequence 1, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/0A462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31571 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: PKD1 GENOMIC
; US-08-323-443B-1

Query Match 100.0%; Score 16; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGCGCGGCGGCATCGT 16
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Db 3273 CGCGCGGCGGCATCGT 3288

RESULT 5
US-08-658-136-2/c
; Sequence 2, Application US/08658136
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